

METHOD OF PRODUCING CUMENE HYDROPEROXIDE

ABSTRACT OF THE DISCLOSURE

The specification provides a method of producing cumene hydroperoxide by continuous aqueous-emulsion oxidation at a high temperature and pressure in a cascade of reactors, wherein the process is conducted in the presence of a mixture of an aqueous solution of an ammonium salt with a concentration of 0.001 - 0.5 mass % and an aqueous solution of ammonia with a concentration of 0.001 - 0.5 mass %, which mixture is fed into each oxidation reactor in an ammonia : ammonium salt mass ratio of 1:100 to 100:1.